



**US Army Corps
of Engineers.**

Vicksburg District
4155 Clay Street
Vicksburg, MS 39183-3435
www.mvk.usace.army.mil



Public Notice

APPLICATION NO.:	ASJ-MVK-2006-1831
EVALUATOR:	Ms. A. Susan Jarvis
PHONE NO.:	(601) 631-5146
FAX NO.:	(601) 631-5459
E-MAIL:	regulatory@mvk02.usace.army.mil
DATE:	June 15, 2007
EXPIRATION DATE:	June 29, 2007

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Vicksburg District and the Mississippi Department of Environmental Quality are considering an application for a Department of the Army Permit and State Water Quality Certification for the work described herein. Comments should be forwarded to the Vicksburg District, Attention: CEMVK-OD-F and the Mississippi Department of Environmental Quality at Post Office Box 10385, Jackson, Mississippi 39289-0385, and must reach these offices by the cited expiration date.

Law Requiring a Permit: Section 404 of the Clean Water Act (33 U.S.C. 1344), which applies to discharges of dredged or fill material into waters of the United States.

Name of Applicant:
Mr. Charles Williams, Jr.
Department of Public Works
City of Jackson
Post Office Box 17
Jackson, Mississippi 39205-0017

Location of Work: Section 27, T6N-R1E, latitude 32°20'13", longitude 90°11'15", within the Pearl River drainage basin, Hinds County, Mississippi.

Description of Work: (See enclosed map and drawings.)

The following descriptions of the proposed project and associated impacts are based upon information provided by the applicant.

The applicant is applying for a Department of the Army permit for mechanical clearing and the discharge of dredged and/or fill material into other waters of the United States in Hinds County, Mississippi. The purpose of the project is drainage improvement in the Town Creek tributary No. 3. The proposed improvements

would include clearing and grubbing the stream, removing structures and obstructions, and excavating the grade of the proposed centerline of the stream. A geotextile fabric would be placed on the prepared streambed. Riprap rock would be placed for embankment and channel stabilization and to provide better flow capacity. An existing bridge would be replaced with a box culvert.

The project site consists of approximately 6.08 acres. There are no jurisdictional wetlands in the project area.

Other waters of the United States would include one intermittent stream approximately 3,400 linear feet in length. Vegetation on the project site is *Albizia julibrissin*, *Ambrosia trifida*, *Catalpa bignonioides*, *Celtis laevigata*, *Cercis canadensis*, *Juglans nigra*, *Ligustrum sinense*, *Morus rubra*, *Paspalum notatum*, and *Quercus nigra*.

Approximately 10,300 cubic yards of the stream channel bank and bottom would be excavated. The stream would be prepared with an 8-foot bottom with 1.5:1 side slopes for the addition of riprap rock. The streambed would be smoothed prior to the placement of the geotextile fabric. Approximately 18,500 square yards of geotextile fabric would be used to cover the streambed. Approximately 15,725 tons of rip rap rock would be placed in the 3,400 linear feet of the intermittent stream. Approximately 30 cubic yards of washed gravel would be used at the culvert site. Approximately 35 cubic yards of clay gravel would be used onsite. The fill materials would come from clean commercial sources.

The placement of dredged and/or fill material in other waters of the United States associated with the mechanized land clearing and drainage improvement requires a Department of the Army Permit.

Upon reviewing this notice, you should write to this office to provide your opinion of the impacts this work will have on the natural and human environment, and address any mitigation you believe is necessary to offset these impacts. Other comments are welcome, but the above information will further our review of the applicant's plan as proposed. Comments of a general nature are not as helpful as those specific to the impacts of the subject project.

State Water Quality Permit: The State Pollution Control Agency must certify that the described work will comply with the State's water quality standards and effluent limitations before a Corps permit is issued.

Cultural Resources: An initial review indicates that the proposed project would not affect any of the sites in Hinds County listed in the National Register of Historic Places. Copies of this notice have been sent to the State Historic

Preservation Officer, Federally Recognized Tribes, and other interested parties for comment on potential effects to cultural resources that could result from this activity.

Endangered Species: Our initial finding is that the proposed work would not affect any endangered species or their critical habitat. This proposal is being coordinated with the U.S. Fish and Wildlife Service, and any comments regarding endangered species or their critical habitat will be addressed in our evaluation of the described work.

Flood Plain: In accordance with 44 CFR Part 60 (Flood Plain Management and Use), participating communities are required to review all proposed development to determine if a flood plain development permit is required. Flood plain administrators should review the proposed development described in this public notice and apprise this office of any flood plain development permit requirements.

Evaluation Factors: The decision whether or not to issue a permit will be based upon an evaluation of the probable impact of the proposed activity on the public interest.

That decision will reflect the national concern for both protection and utilization of important resources. The benefits which may be expected to accrue from the proposal must be balanced against its expected adverse effects. All factors which may be relevant to the proposal will be considered; among these are conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use classification, navigation, recreation, water supply, water quality, energy needs, safety, food requirements and, in general, the needs and welfare of the people. Evaluation of the proposed activity will include application of the guidelines published by the Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act.

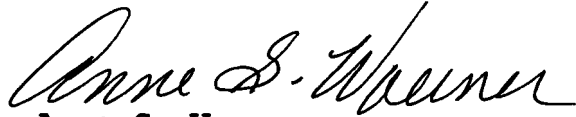
Public Involvement: The purpose of this notice is to solicit comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties. These comments will be used to evaluate the impacts of this project.

All comments will be considered and used to help determine whether to issue the permit, deny the permit, or issue the permit with conditions, and to help us determine the amount and type of mitigation necessary. This information will be used in our Environmental Assessment or Impact Statement. Comments are also used to determine the need for a public hearing.

Opportunity for a Public Hearing: Any person may make a written request for a public hearing to consider this permit application. This request must be submitted by the public notice expiration date and must clearly state why a hearing is necessary. Failure

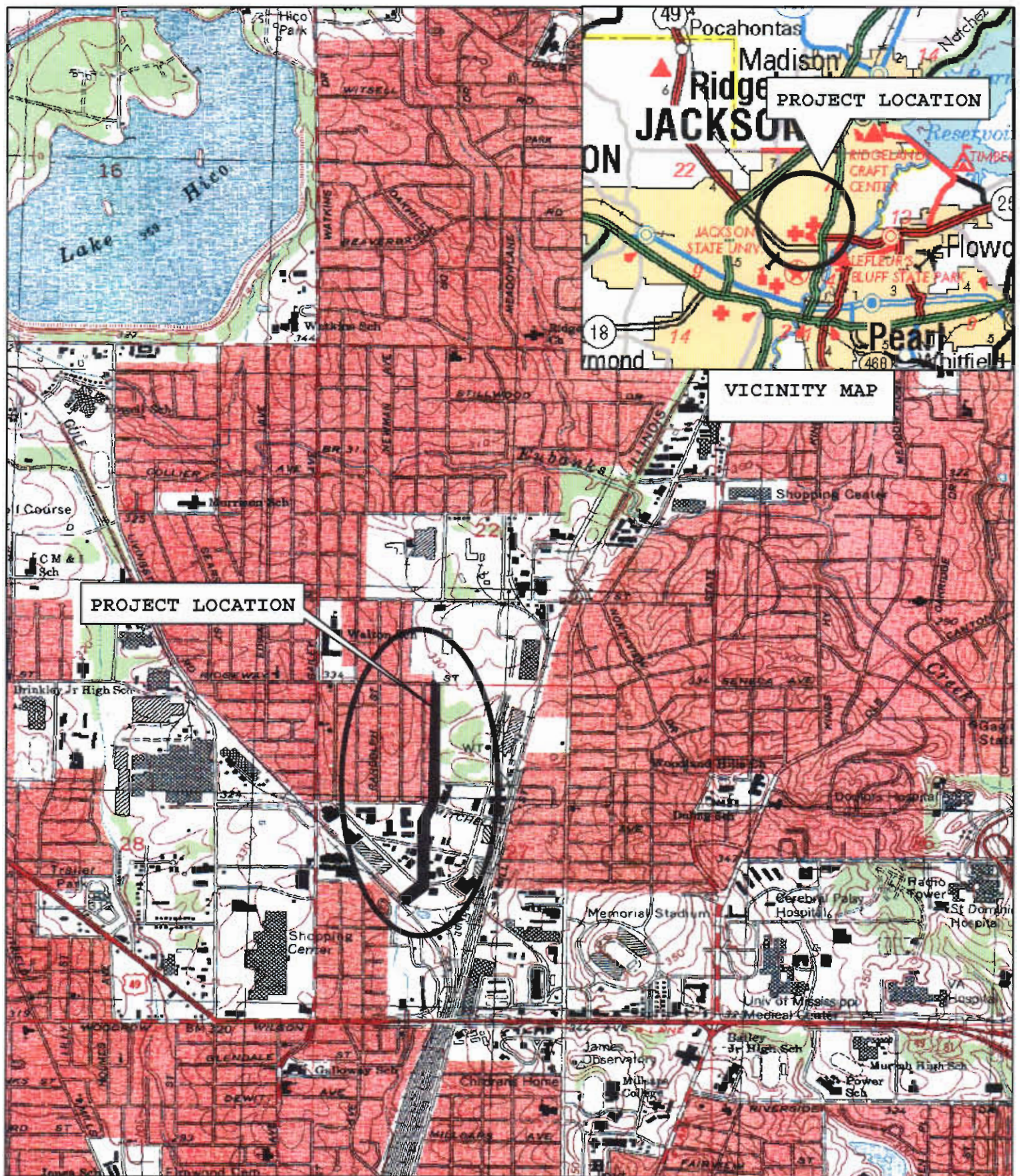
of any agency or individual to comment on this notice will be interpreted to mean that there is no objection to the proposed work. Please bring this announcement to the attention of anyone you know who might be interested in this matter.

Notification of Final Permit Actions: Each month, the final permit actions from the preceding month are published on the Vicksburg District Regulatory web page. To access this information, you may follow the link from the Regulatory web page, <http://www.mvk.usace.army.mil/offices/od/odf/main.asp>, or go directly to the Final Permit Actions web page at <http://www.mvk.usace.army.mil/offices/od/odf/PubNotice/MonthlyNotice/pnmain.asp>.



Anne S. Woerner
Acting Chief
Evaluation Section

TOWN CREEK TRIBUTARY NO. 3



PROJECT LOCATION

VICINITY MAP

JACKSON QUAD
1:24,000

0 0.25 0.5 1 Miles



CEMVK-OD-FE ASJ-MVK-2006-1831

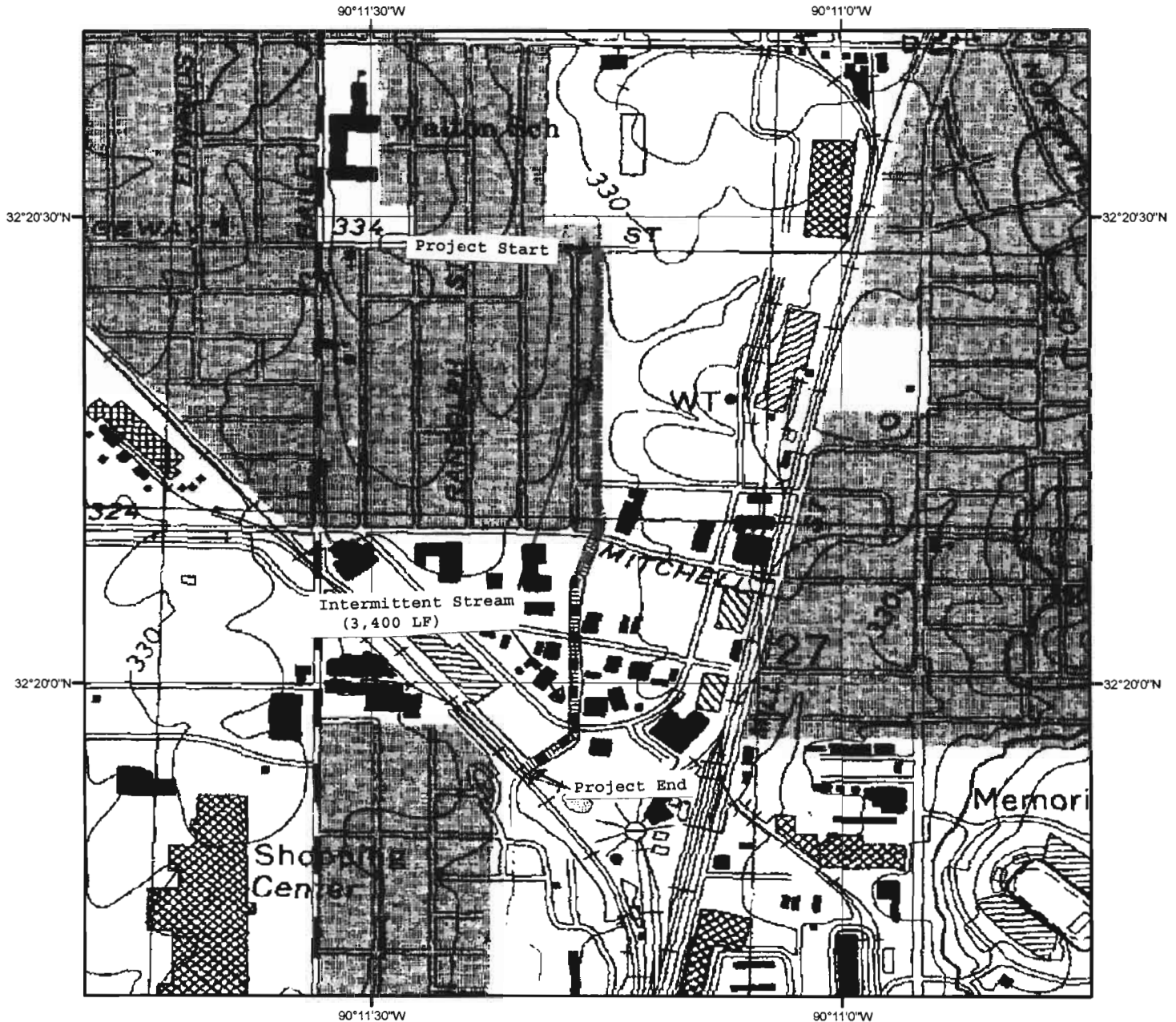
CITY OF JACKSON



US Army Corps
of Engineers.

Town Creek Tributary No. 3 Proposed Drainage Improvement

Section 27, T6N-R1E, Hinds County, Mississippi



1:12,000



Legend

▨▨▨▨▨ Intermittent Stream (Approx. 3,400 L.F.)

Vicksburg District, CE
Preliminary JD

ID# MVK-2006-1831

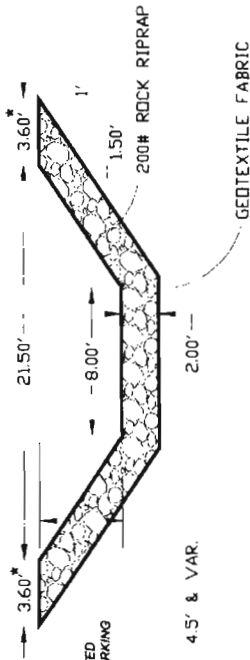
Date 02/28/2007



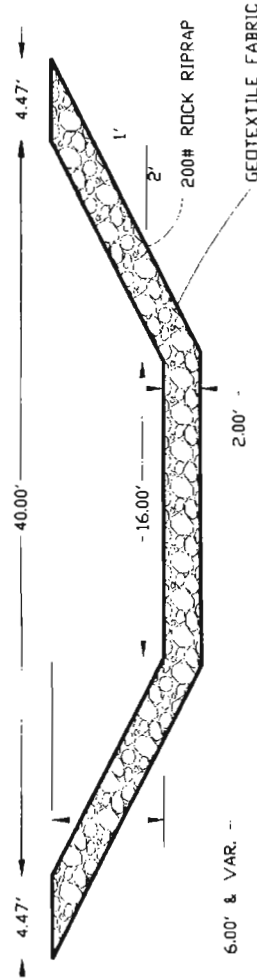
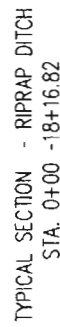
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CITY OF JACKSON



* ROCK PLACEMENT AT TOP OF BANK SHALL BE FIELD ADJUSTED AS REQD IN LOCATIONS WHERE CONSTRAINTS EXISTS. (PARKING LOTS, BUILDINGS, ETC.)



TYPICAL SECTION - RIPRAP DITCH
STA. 18+71.41 - 35+21.27
(EXCLUDING EX. BRIDGE LOCATIONS)

ROCK RIPRAP GRADATION		
STONE WEIGHT (POUNDS)	CUMULATIVE % PERCENT LIGHTER (BY WEIGHT)	
200	100	
80	50-85	
40	15-50	
10	0-15	



----- TOEWALL DETAIL
REQ'D. AT BEGINNING
AND ENDING OF ROCK RIPRAP PLACEMENT

- NOTE:
1. TRANSITION CHANNEL SIDE SLOPES AND BOTTOM ON EACH END AND AT BRIDGE LOCATIONS TO CONFORM WITH THE WIDTH AND GRADES OF THE EXISTING OR PROPOSED STRUCTURES
 2. CONCRETE GROUT LOCATIONS FOR THE CHANNEL ARE AS INDICATED ON PLANS. THE CONCRETE GROUT DESIGN MIX SHALL BE AS FOLLOWS:

CEMENT	554 LB PER CU. YD.
FINE AGGREGATE	1,016 LB. PER CU. YD.
COARSE AGGREGATE	1,248 LB. PER CU. YD.
WATER	48 GAL. PER CU. YD.

1. ROCK PLACEMENT BEGINS AT THE TOE OF SLOPE.
2. KEEP ROCK FREE OF SILT OR SOIL IN GROUTING AREAS.
3. GROUT ROCK STARTING AT BOTTOM OF SLOPE. SURFACE SWEEP GROUTED AREA WITH STIFF BROOM IMMEDIATELY AFTER GROUT PLACEMENT.
4. SMOOTH CHANNEL BANK AND BOTTOM SURFACE PRIOR TO PLACEMENT OF GEOTEXTILE FABRIC.
5. PLACE GEOTEXTILE FABRIC ACROSS CHANNEL PERPENDICULAR TO CENTERLINE AND OVERLAP UPSTREAM SECTION 18" OVER DOWNSTREAM SECTION AND FASTEN WITH PINS PUSHED INTO FOUNDATION OF SOIL AT 2 FOOT INTERVALS.

PROJECT LAYOUT
TOWN CREEK TRIBUTARY NO. 3
DRAINAGE IMPROVEMENTS
CITY PROJECT NO. 5AA003
JACKSON, MS

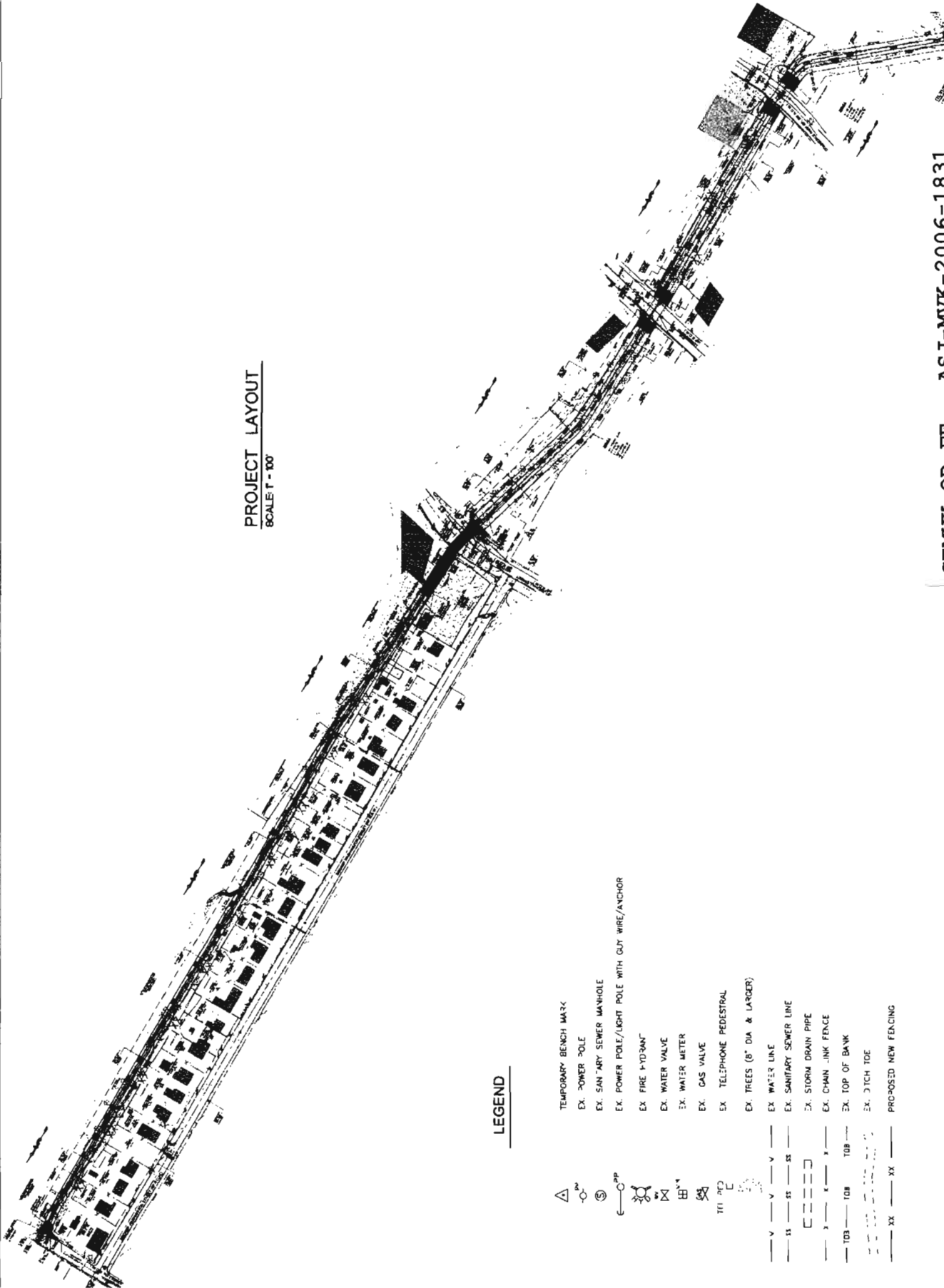
PROJECT LAYOUT
TOWN CREEK TRIBUTARY NO. 3
DRAINAGE IMPROVEMENTS
CITY PROJECT NO. 5AA003
JACKSON, MS

DATE: 12/2006
 SCALE: 1" = 100'

Crown Engineering, PLLC
 Engineers & Project Managers
 P.O. Box 10612
 Jackson, MS 39216
 Tel: (601) 717-4344 Fax: (601) 717-2511

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PROJECT LAYOUT
 SCALE 1" = 100'



LEGEND

- TEMPORARY BENCH MARK
- EX. POWER POLE
- EX. SANITARY SEWER MANHOLE
- EX. POWER POLE/LIGHT POLE WITH GUY WIRE/ANCHOR
- EX. FIRE HYDRANT
- EX. WATER VALVE
- EX. WATER METER
- EX. GAS VALVE
- EX. TELEPHONE PEDESTAL
- EX. TREES (8" DIA. & LARGER)
- EX. WATER LINE
- EX. SANITARY SEWER LINE
- EX. STORM DRAIN PIPE
- EX. CHAIN LINK FENCE
- EX. TOP OF BANK
- EX. DITCH TOE
- PROPOSED NEW FENCING

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CITY OF JACKSON